

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,191,455 B2  
APPLICATION NO. : 10/532973  
DATED : March 13, 2007  
INVENTOR(S) : Morihiro Murata

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Column 12, Line 29:**

"medium" should read -- medium; --.

**Column 12, Line 29:**

"black" should read -- lack --.

**Column 12, Line 34:**

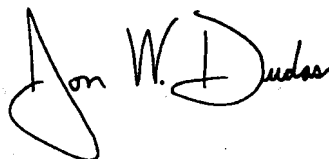
"black" should read -- lack --.

**Column 12, Line 65:**

"black" should read -- lack --.

Signed and Sealed this

Thirty-first Day of July, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*